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Product Name :

Table Top Balance

Product Code :

SLE/LB/11



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Description :

The Table Top Balance weighs kilogram-scale loads on a 210 x 260 mm stainless steel platter. It comes in 3 kg, 10 kg and 30 kg capacities, with readability from 0.1 g to 2 g depending on the model. A built-in rechargeable battery lets it work away from a socket, and readings show on a red LED display.

Table Top Balance specifications

Parameter	Detail
Capacity options	3 kg, 10 kg, 30 kg
Readability options	0.1 g, 0.5 g, 1 g or 2 g, depending on model
Resolution	Up to 30,000 counts
Pan size	210 x 260 mm
Platter	Rust-proof stainless steel
Display	High-brightness red LED
Power	Built-in rechargeable battery; battery indicator; auto power off
Interface	RS-232C (optional)
Protection	Overload protection design
Product code	SLE/LB/11
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Bulk weighing tasks for the Table Top Balance

Water content of soil. Weigh an empty porcelain dish, add fresh soil taken with a soil auger and weigh again. Dry the dish in a laboratory oven, let it cool in a desiccator and reweigh. The mass lost is the water, which is then expressed as a percentage of the dry soil mass.

Sieve analysis of sand. Weigh a dry sand sample, shake it through a stack of test sieves and weigh the portion held on each sieve. The retained masses should add up close to the starting mass; a large shortfall means sand was spilled or left trapped in the mesh.

Off-centre check. Put a known mass from a weight box at the centre of the platter, note the reading, then move it to each corner in turn. If the readings differ, centre bulky loads such as a bucket or a large polypropylene beaker on the platter every time.

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